

PATENT

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application in the attached statement under 37 C.F.R. § 3.73(b).

I hereby grant power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Customer Number 22,852, as attorneys or agents to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. § 3.73(b).

Please also send all future correspondence concerning the application identified in the attached statement under 37 C.F.R. § 3.73(b) to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., Customer Number 22,852.

The undersigned understands that a copy of this form, together with a statement under 37 C.F.R. § 3.73(b) is required to be filed in each application in which this form is used. The statement under 37 C.F.R. § 3.73(b) may be completed by one of the practitioners appointed in this form, if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which the Power of Attorney is to be filed.

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Date: July 27, 2005

Name: Koichi Wada

Title: Manager, Intellectual Property Division

Signature: Koichi Wada



09812-0358-00

UNITED STATES PATENT AND TRADEMARK OFFICE

JWH MRK SRD

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

USD

DECEMBER 01, 2005

PTAS



103058194A

WILLIAM S. FROMMER
FROMMER LAWRENCE & HAUG LLP
745 FIFTH AVENUE
NEW YORK, NEW YORK 10151

DOCKETED

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
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FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
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PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/04/2005

REEL/FRAME: 016836/0849
NUMBER OF PAGES: 7BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 450100-04674

ASSIGNOR:

UCHIDA, MAMI

DOC DATE: 11/13/2004

ASSIGNOR:

YOKOYAMA, TATSUYA

DOC DATE: 11/29/2004

ASSIGNOR:

OHASHI, YUKA

DOC DATE: 11/17/2004

ASSIGNOR:

MIZOBUCHI, AYUMI

DOC DATE: 11/19/2004

ASSIGNOR:

SATO, JIN

DOC DATE: 11/19/2004

ASSIGNOR:

SAYAMA, YUSHI

DOC DATE: 11/19/2004

RTK

JAN 03 2006 12/29/05

016836/0849 PAGE 2

ASSIGNEE:

SONY CORPORATION
7-35 KITASHINAGAWA 6-CHOME
SHINAGAWA-KU, TOKYO, JAPAN 141-0001

SERIAL NUMBER: 10520356

FILING DATE: 01/04/2005

PATENT NUMBER:

ISSUE DATE:

TITLE: IMAGE DISPLAY SYSTEM, IMAGE DISPLAY METHOD AND DISPLAY UNIT

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10/520356

08-09-2005

ORDINATION FORM COVER SHEET
PATENTS ONLY

DT12 Rec'd PCT/PTO 04 JAN 2005



103058194

FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151
(212) 588-0800

Attorney Docket No. 450100-04674

Applicants:

Mami UCHIDA, Tatsuya YOKOYAMA, Yuka OHASHI,
Ayumi MIZOBUCHI, Jin SATO, Yushi SAYAMA

For:

PICTURE DISPLAY SYSTEM, PICTURE DISPLAY
METHOD AND APPARATUS

U.S. Serial No.:

Filed Concurrently Herewith

Corresponding International Application. No.:

PCT/JP03/08141

International Filing Date:

June 26, 2003

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

1. Names of Conveying Parties:

Mami UCHIDA, Tatsuya YOKOYAMA, Yuka OHASHI,
Ayumi MIZOBUCHI, Jin SATO, Yushi SAYAMA

2. Names and addresses of receiving parties:

SONY CORPORATION
7-35 Kitashinagawa 6-chome
Shinagawa-Ku, Tokyo 141-0001, Japan

3. Nature of Conveyance:

Assignment

Execution Date(s):

November 13, November 29, November 17, November 19,
November 19 and November 19, 2004

4. ☐ Application No.:

☒ This document is being filed together with a new application, the execution date of the application is:
November 3, November 29, November 17, November 19, November 19 and November 19, 2004

5. Name and address of party to whom the recorded assignment and any correspondence concerning the document should be mailed:

William S. Frommer
Registration No. 25,506
FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151

01/13/2005 SMAJARRD 00000125 10520356

04 FC:8021

40.00 DP

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41):

\$40.00

☒ Fee enclosed.

8. ☐ Charge Fee Deposit Account No. 50-0320 (Attach duplicate copy of this page if paying by deposit account).

☐ If any additional fee is required, authorization is hereby given to charge Deposit Account No. 50-0320.

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William S. Frommer

Name of Person Signing

William S. Frommer
Signature

January 4, 2005

Date

00241301

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

PICTURE DISPLAY SYSTEM, PICTURE DISPLAY METHOD AND APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: International Serial Number: PCT/JP03/08141, International Filing Date: 26 June 2003.

This assignment executed on the dates indicated below.

Mami UCHIDA

Name of first or sole inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of first or sole inventor

(Mami Uchida)

Signature of first or sole inventor

2004, Nov. 13

Date of this assignment

Tatsuya YOKOYAMA

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

Signature of second inventor

Date of this assignment

Yuka OHASHI

Name of third or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of third or sole inventor

Signature of third or sole inventor

Date of this assignment

Ayumi MIZOBUCHI

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Jin SATO

Name of fifth or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth or sole inventor

Signature of fifth or sole inventor

Date of this assignment

Yushi SAYAMA

Name of sixth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of sixth inventor

Signature of sixth inventor

Date of this assignment

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

PICTURE DISPLAY SYSTEM, PICTURE DISPLAY METHOD AND APPARATUS

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NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

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Mami UCHIDA

Name of first or sole inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of first or sole inventor

Signature of first or sole inventor

Date of this assignment

Tatsuya YOKOYAMA

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

Signature of second inventor

Date of this assignment

29 Nov. 2004

Yuka OHASHI

Name of third or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of third or sole inventor

Signature of third or sole inventor

Date of this assignment

Ayumi MIZOBUCHI

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

Signature of fourth inventor

Date of this assignment

Jin SATO

Name of fifth or sole inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fifth or sole inventor

Signature of fifth or sole inventor

Date of this assignment

Yushi SAYAMA

Name of sixth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of sixth inventor

Signature of sixth inventor

Date of this assignment

ASSIGNMENT

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NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

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This assignment executed on the dates indicated below.

Mami UCHIDA

Name of first or sole inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of first or sole inventor

Signature of first or sole inventor

Date of this assignment

Tatsuya YOKOYAMA

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

Signature of second inventor

Date of this assignment

Yuka OHASHI

Name of third or sole inventor

Tokyo, Japan

Residence of third or sole inventor

Yuka Ohashi
Signature of third or sole inventor

Execution date of U.S. Patent Application

November 17, 2004

Date of this assignment

Ayumi MIZOBUCHI

Name of fourth inventor

Tokyo, Japan

Residence of fourth inventor

Ayumi Mizobuchi
Signature of fourth inventor

Execution date of U.S. Patent Application

November 19, 2004

Date of this assignment

Jin SATO

Name of fifth or sole inventor

Tokyo, Japan

Residence of fifth or sole inventor

Jin Satoh
Signature of fifth or sole inventor

Execution date of U.S. Patent Application

November 19, 2004

Date of this assignment

Yushi SAYAMA

Name of sixth inventor

Tokyo, Japan

Residence of sixth inventor

Yushi Sayama
Signature of sixth inventor

Execution date of U.S. Patent Application

November 19, 2004

Date of this assignment